

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098083.D
 Acq On : 28 Aug 2017 23:11
 Operator : SJ/JU
 Sample : I4948-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Quant Time: Aug 29 07:54:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

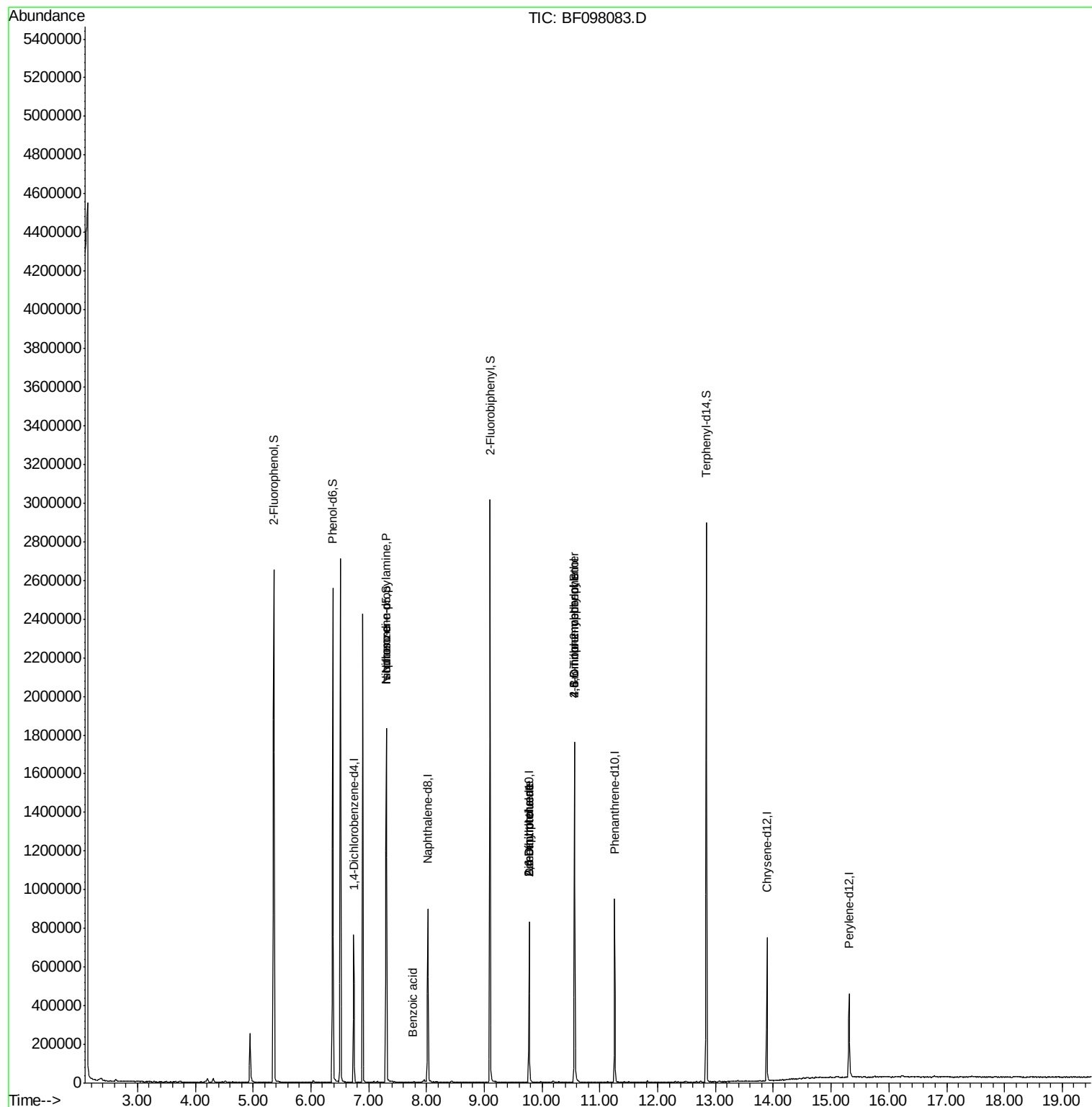
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	97544	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	377170	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	159615	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	314799	20.00	ng	0.00
75) Chrysene-d12	13.89	240	262504	20.00	ng	0.00
86) Perylene-d12	15.31	264	208242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	784194	122.29	ng	0.00
7) Phenol-d6	6.38	99	980822	112.57	ng	0.00
23) Nitrobenzene-d5	7.30	82	666432	95.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	202982	146.57	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	986805	90.83	ng	-0.01
78) Terphenyl-d14	12.84	244	909139	72.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	88231	14.792	ng	# 73
25) Isophorone	7.30	82	659914	45.711	ng	# 67
32) Benzoic acid	7.76	122	132	6.430	ng	# 80
49) Dimethylphthalate	9.77	163	42040	3.603	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	20245	8.693	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	20245	6.927	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	502	8.600	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	12915	3.951	ng	# 1

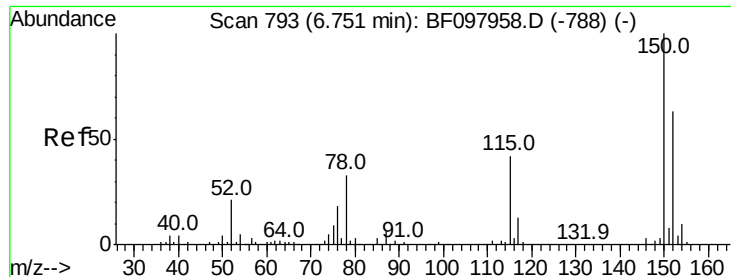
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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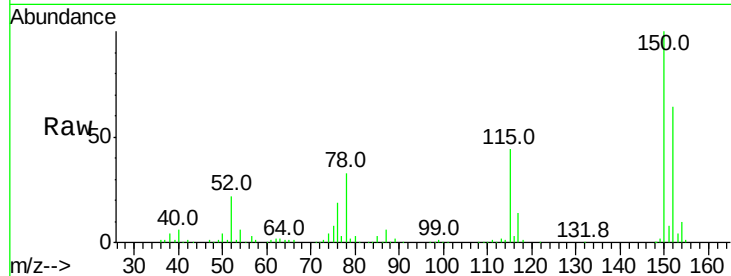


#1

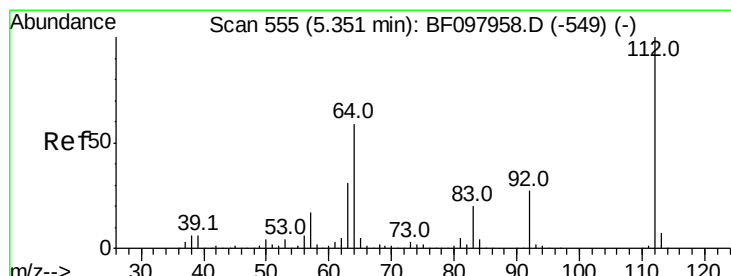
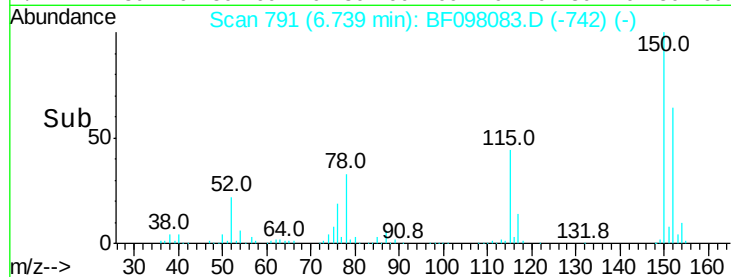
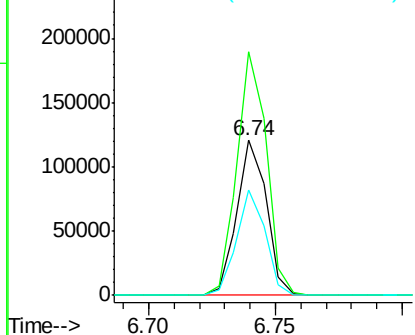
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion:152 Resp: 97544
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 68.5 52.2 78.2



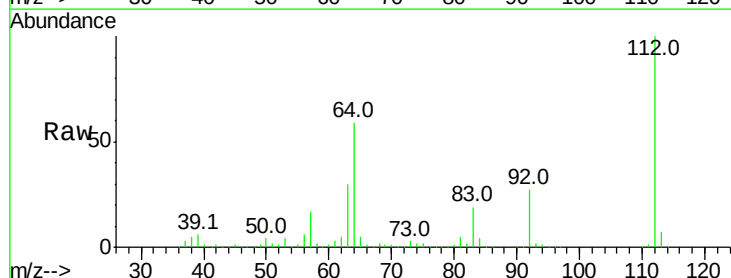
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



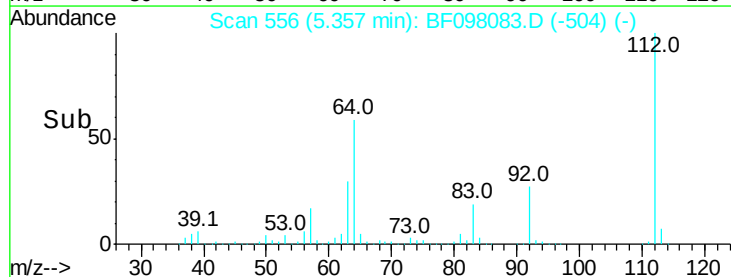
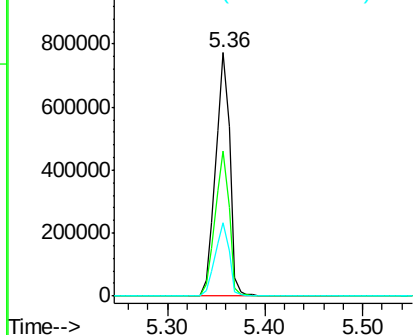
#5

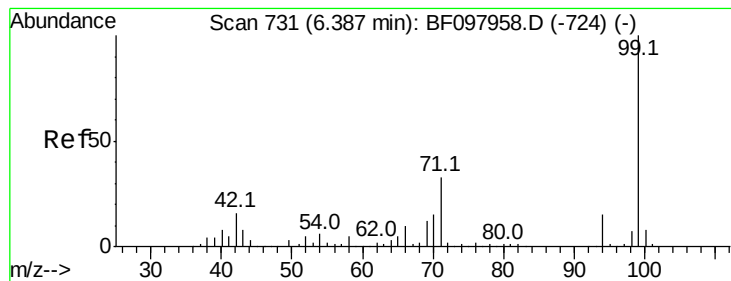
2-Fluorophenol
Concen: 122.285 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion:112 Resp: 784194
Ion Ratio Lower Upper
112 100
64 59.5 46.0 69.0
63 30.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.567 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098083.D

Acq: 28 Aug 2017 23:11

Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

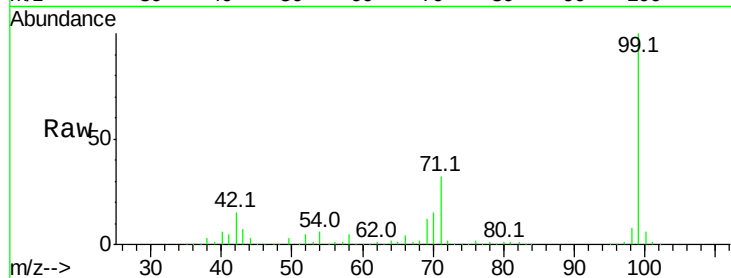
Tot Ion: 99 Resp: 980822

Ion Ratio Lower Upper

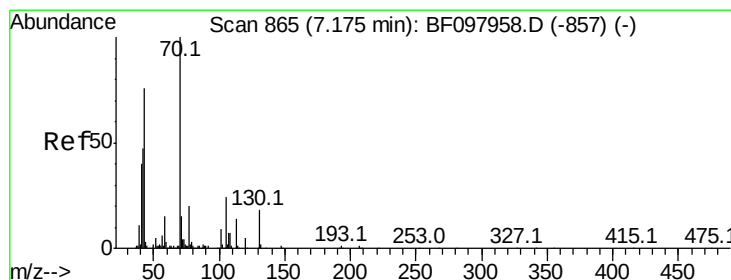
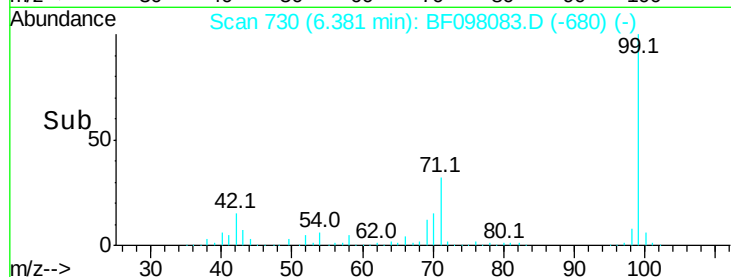
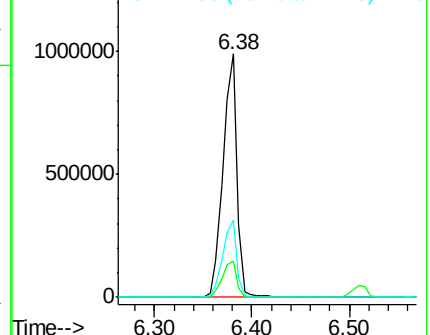
99 100

42 14.7 13.5 20.3

71 31.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.792 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098083.D

Acq: 28 Aug 2017 23:11

Tgt Ion: 70 Resp: 88231

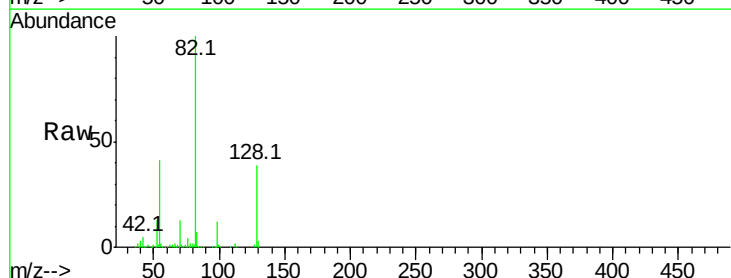
Ion Ratio Lower Upper

70 100

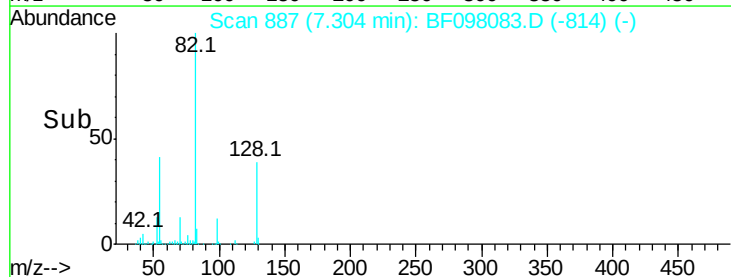
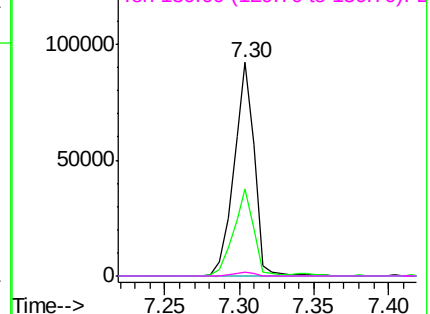
42 41.0 47.2 70.8#

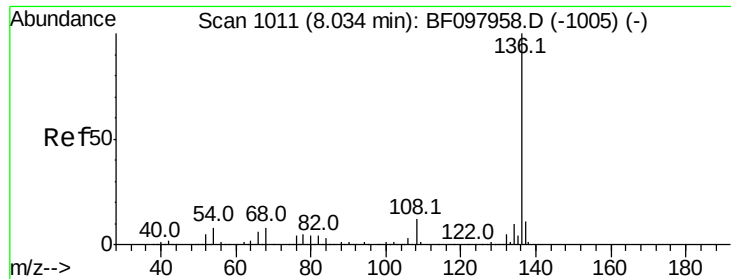
101 0.0 7.2 10.8#

130 2.0 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

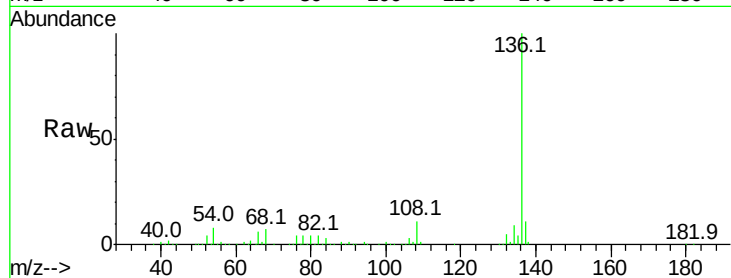




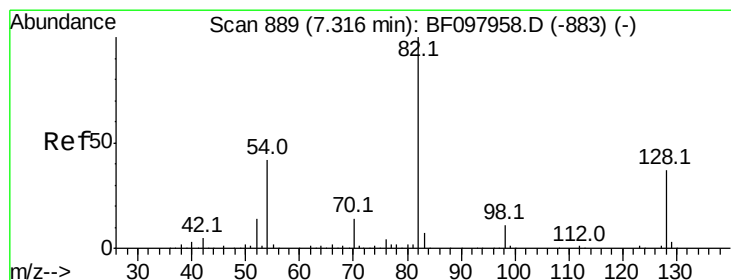
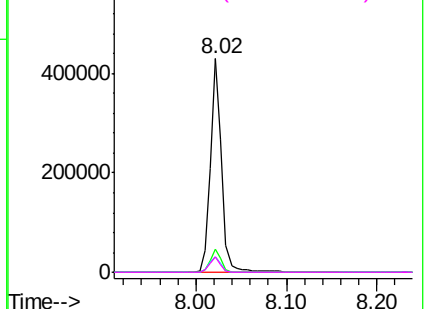
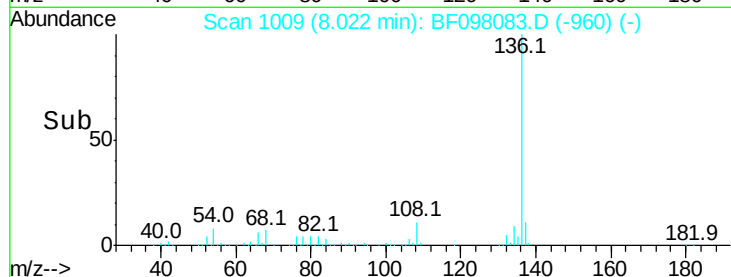
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion:136	Resp:	377170
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.5 12.7
54	7.5	4.9 7.3#
68	7.3	4.1 6.1#

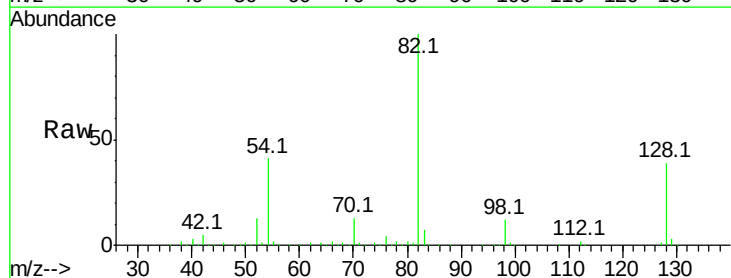


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

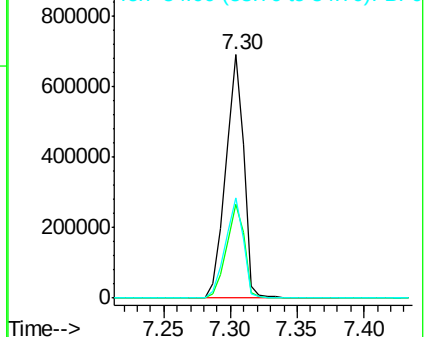
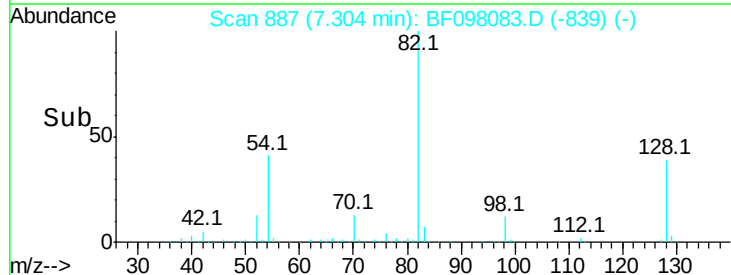


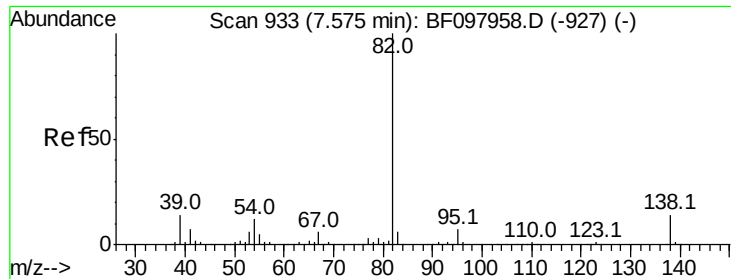
#23
Nitrobenzene-d5
Concen: 95.988 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion: 82	Resp:	666432
Ion	Ratio	Lower Upper
82	100	
128	38.6	34.0 51.0
54	41.1	42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 45.711 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098083.D

Acq: 28 Aug 2017 23:11

Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

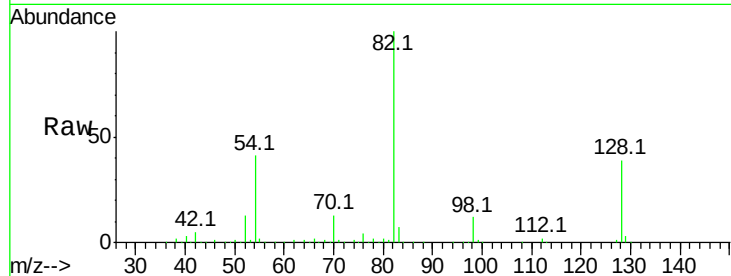
Tot Ion: 82 Resp: 659914

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

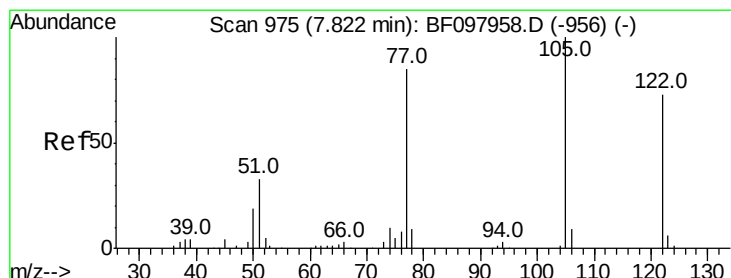
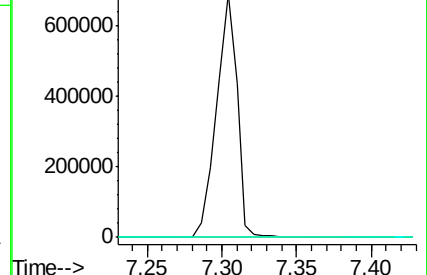
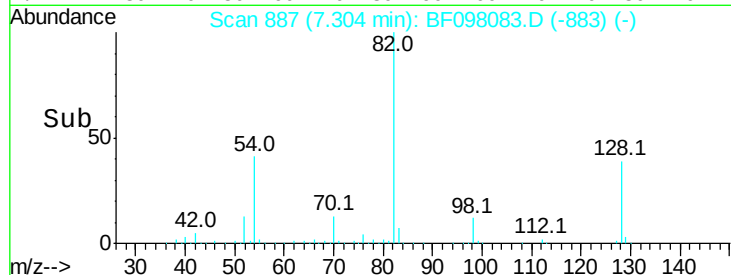
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 6.430 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.07 min

Lab File: BF098083.D

Acq: 28 Aug 2017 23:11

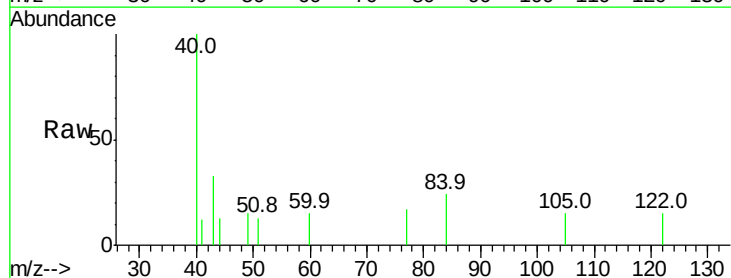
Tgt Ion:122 Resp: 132

Ion Ratio Lower Upper

122 100

105 104.3 103.3 143.3

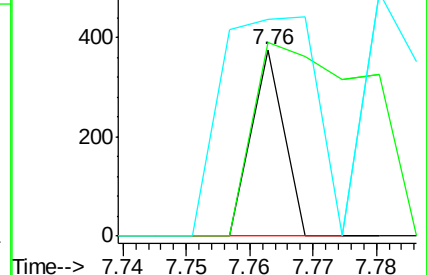
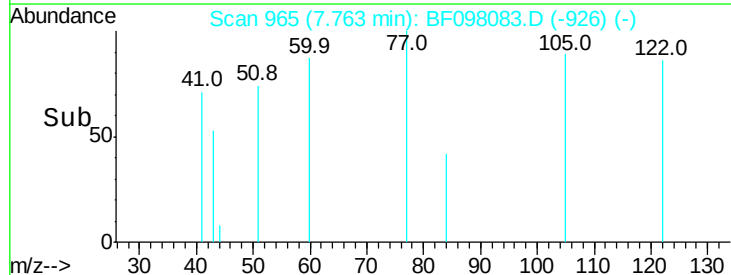
77 116.8 73.7 113.7#

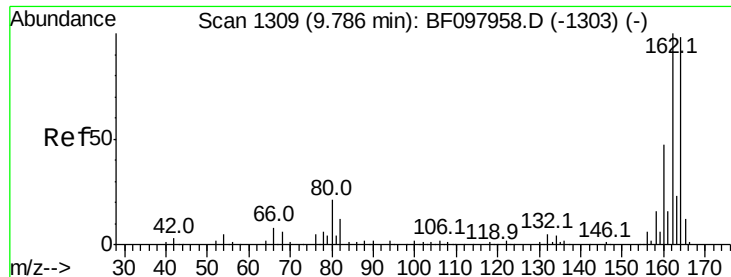


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

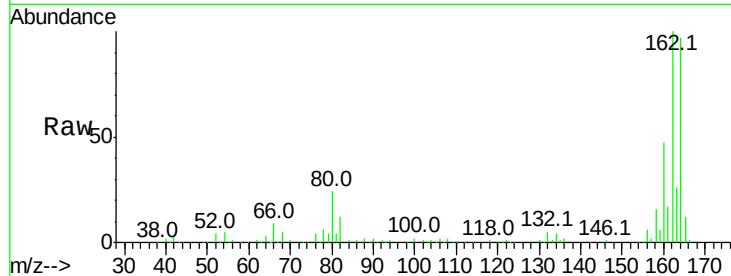




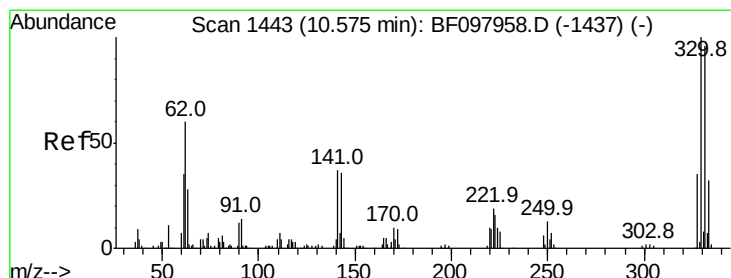
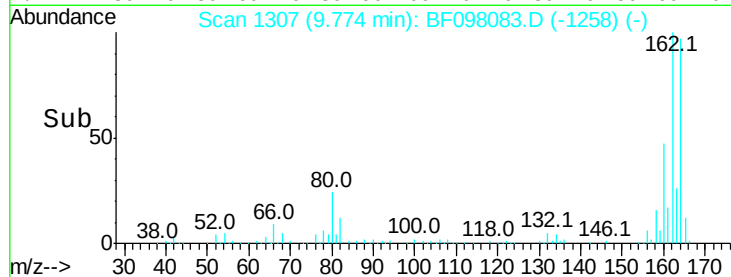
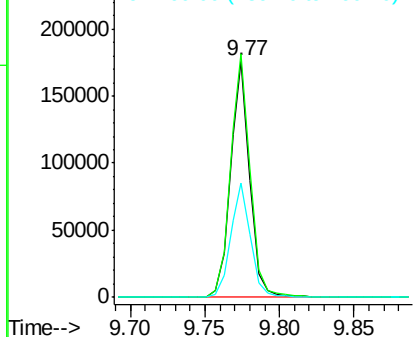
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	48.3	36.2	54.2

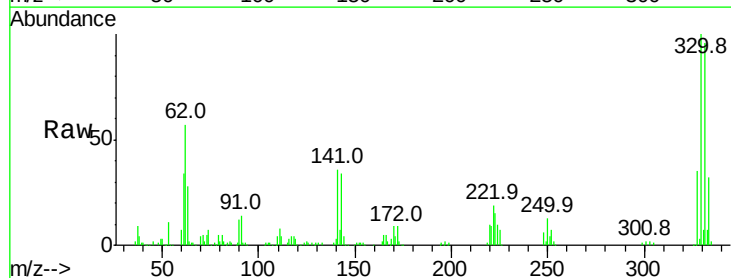


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

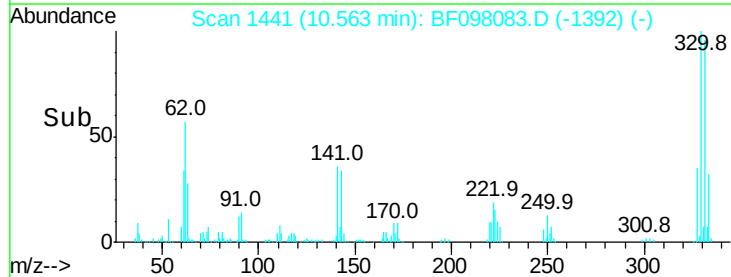
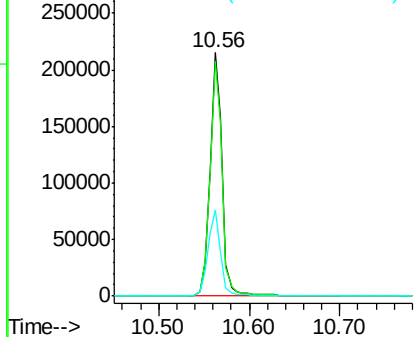


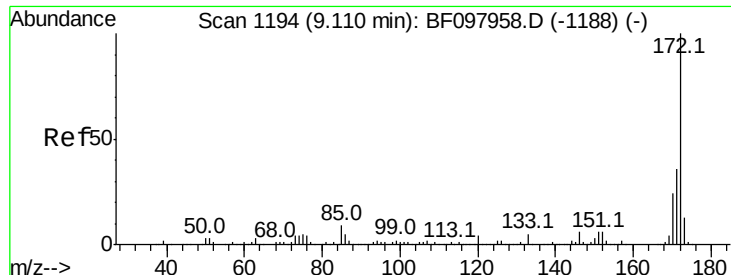
#41
 2,4,6-Tribromophenol
 Concen: 146.566 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	37.1	31.4	47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

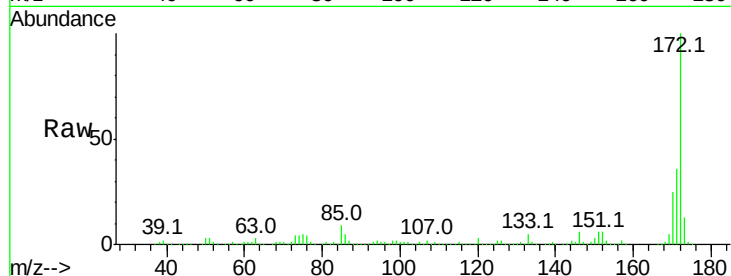




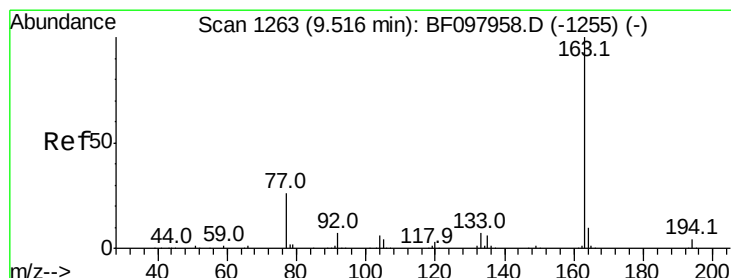
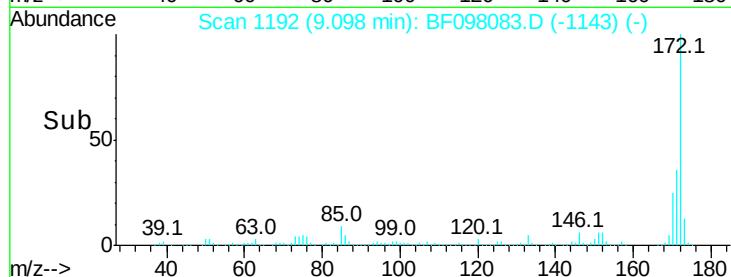
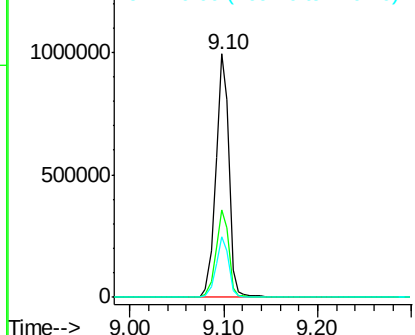
#44
2-Fluorobiphenyl
Concen: 90.832 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
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TP-2-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.7	19.8	29.8

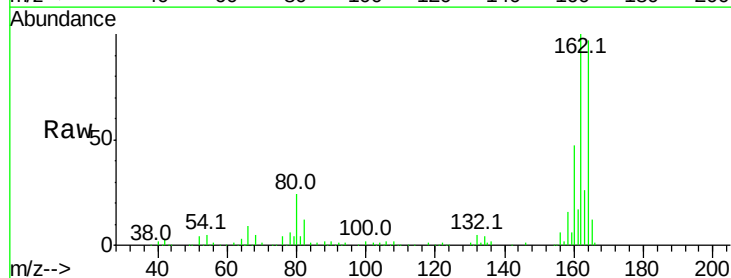


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

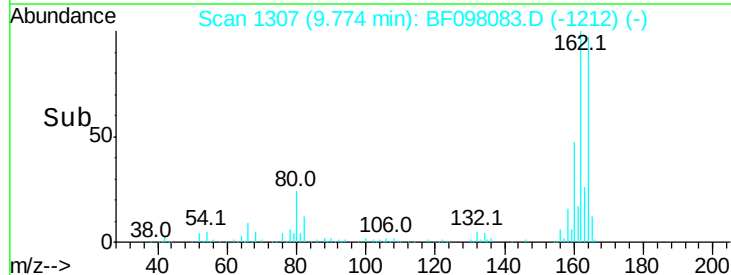
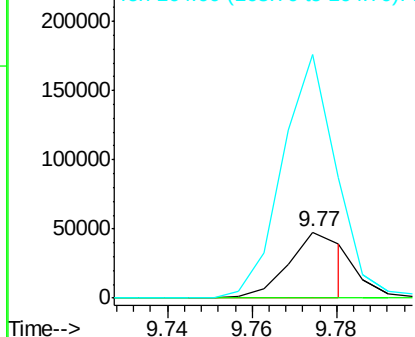


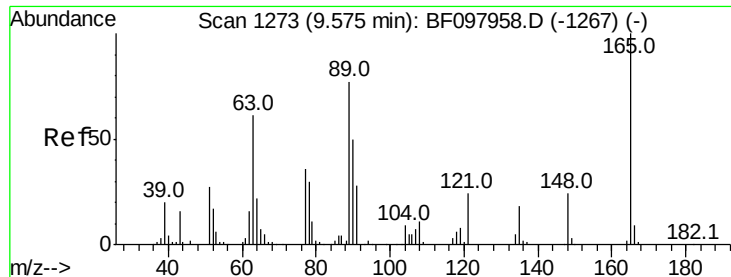
#49
Dimethylphthalate
Concen: 3.603 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	368.0	8.4	12.6#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

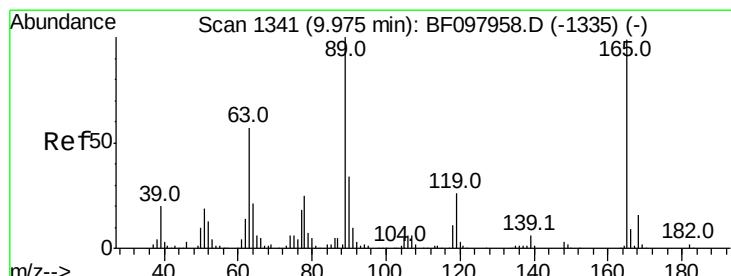
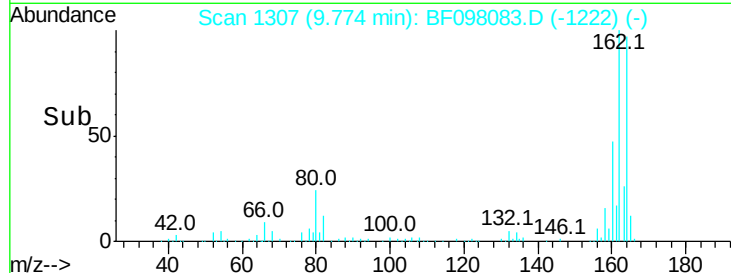
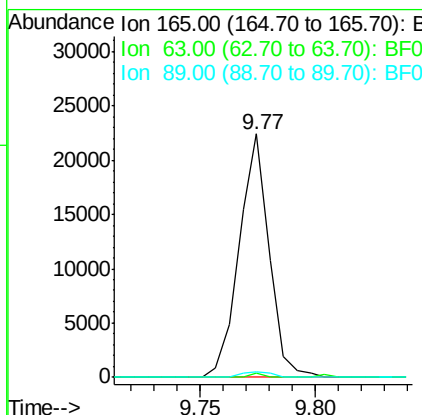
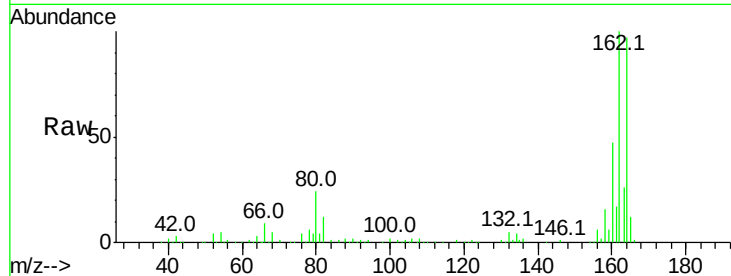




#50
 2,6-Dinitrotoluene
 Concen: 8.693 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.20 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

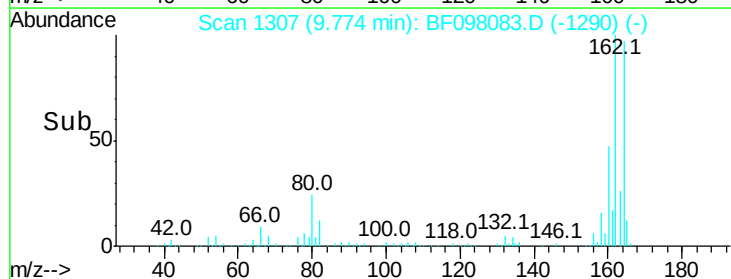
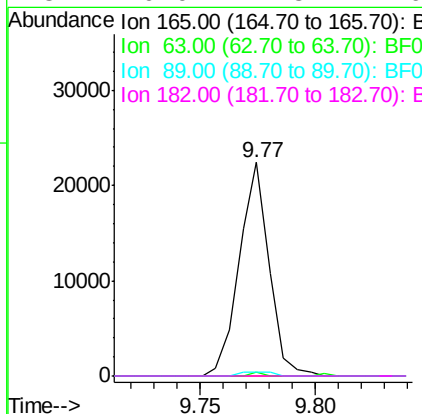
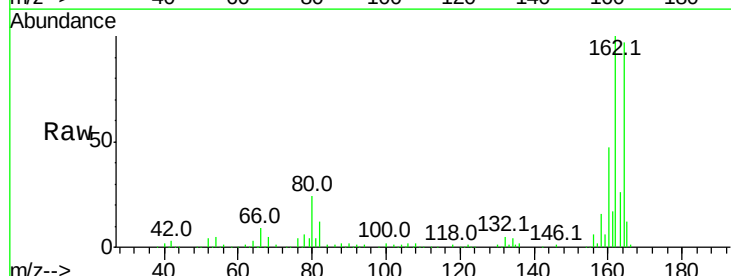
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

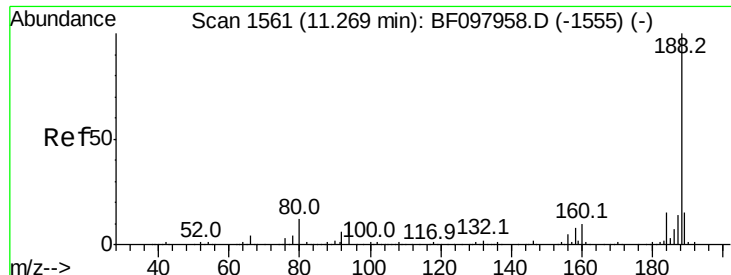
Tot Ion:	165	Resp:	20245
Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	2.1	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.927 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Tgt Ion:	165	Resp:	20245
Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#

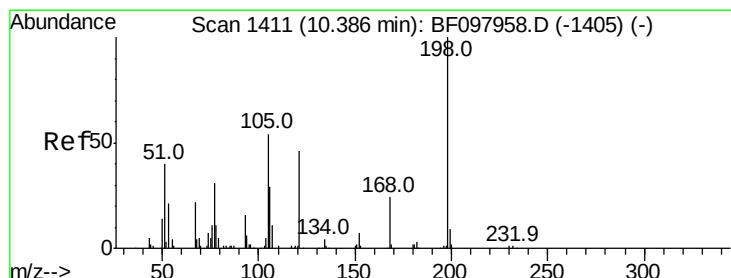
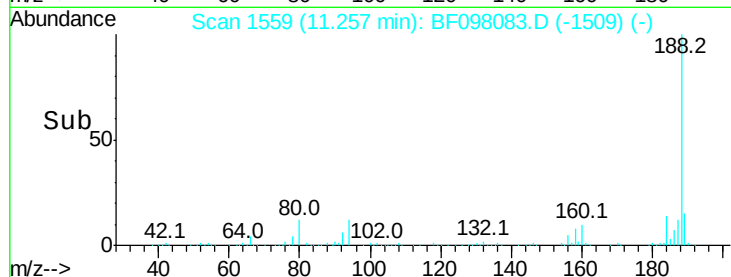
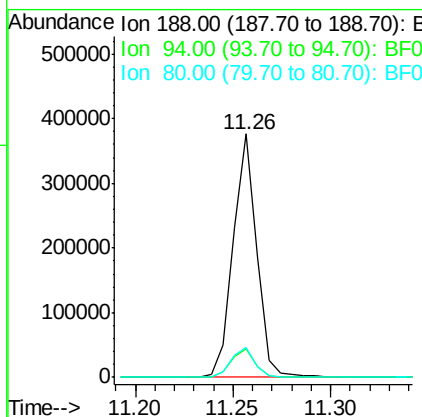
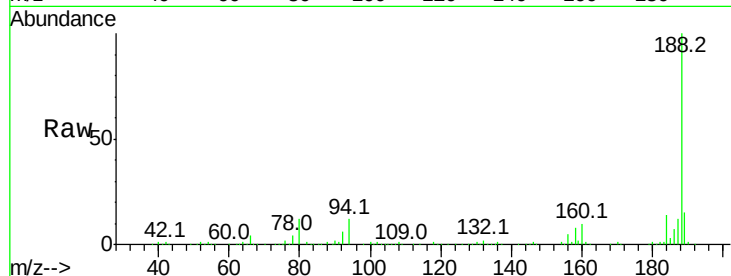




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

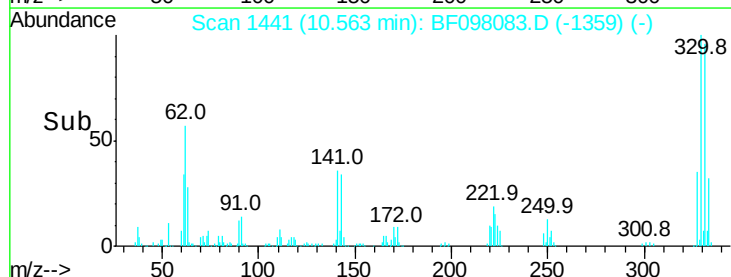
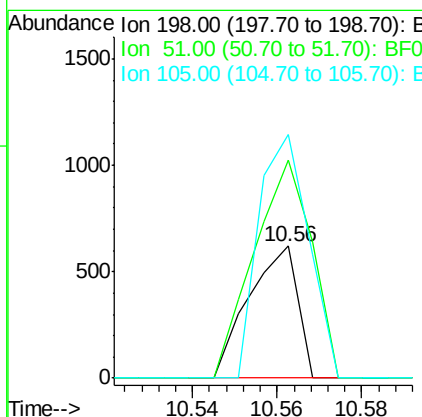
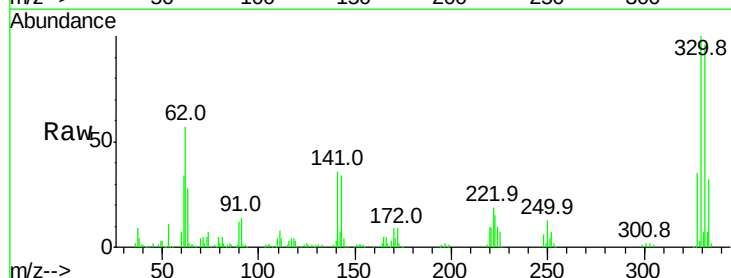
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

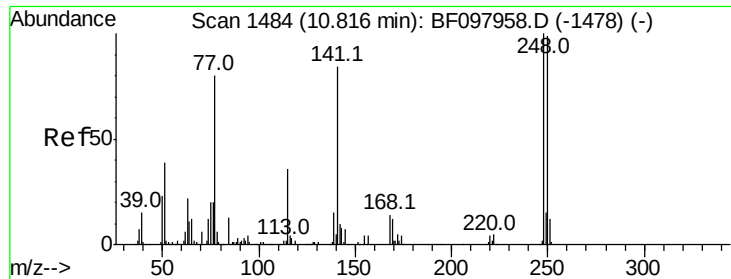
Tot Ion:188 Resp: 314799
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.4 14.2
 80 12.1 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.600 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.18 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Tgt Ion:198 Resp: 502
 Ion Ratio Lower Upper
 198 100
 51 165.3 53.2 93.2#
 105 184.5 45.8 85.8#

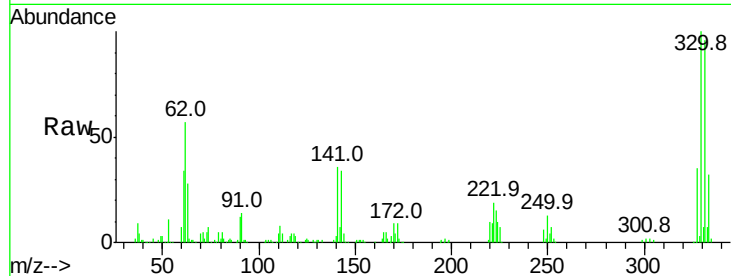




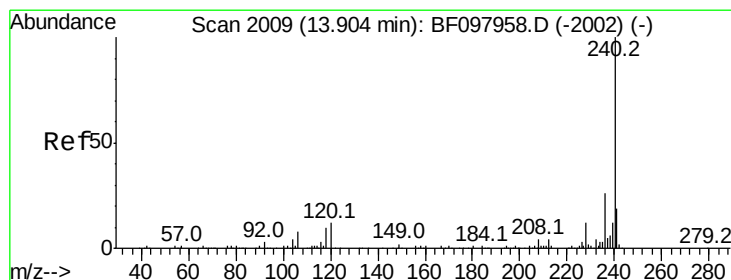
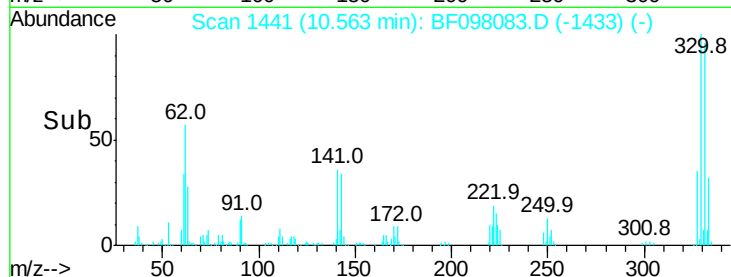
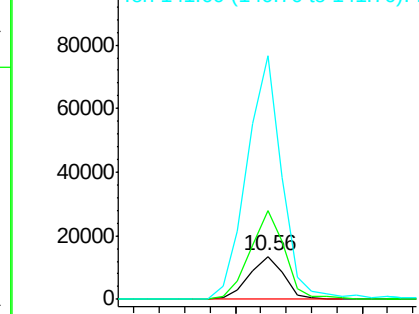
#66
 4-Bromophenyl-phenylether
 Concen: 3.951 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion:248 Resp: 12915
 Ion Ratio Lower Upper
 248 100
 250 205.4 76.8 115.2#
 141 563.6 68.6 103.0#

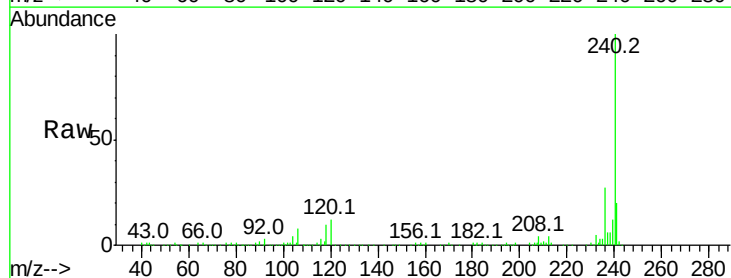


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

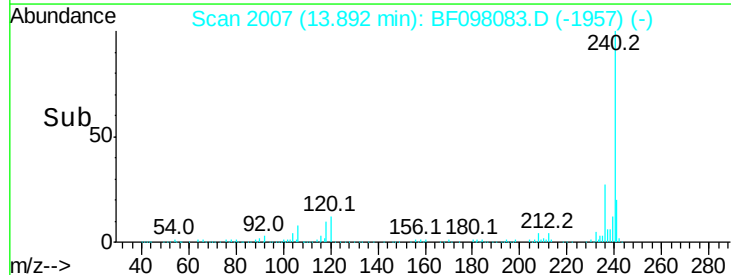
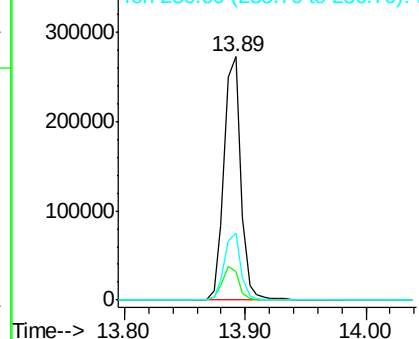


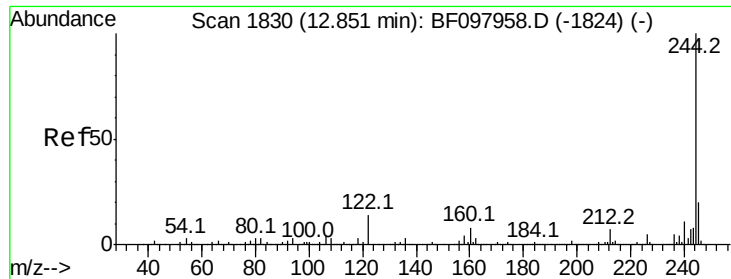
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Tgt Ion:240 Resp: 262504
 Ion Ratio Lower Upper
 240 100
 120 11.7 5.8 8.8#
 236 27.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

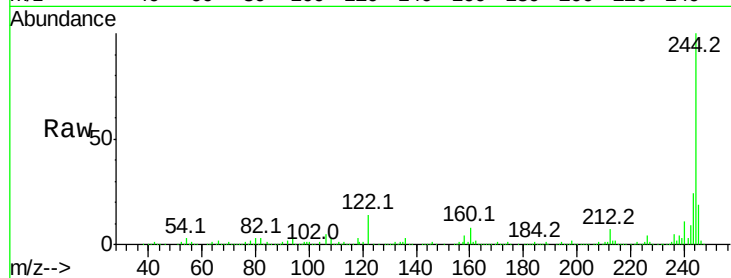




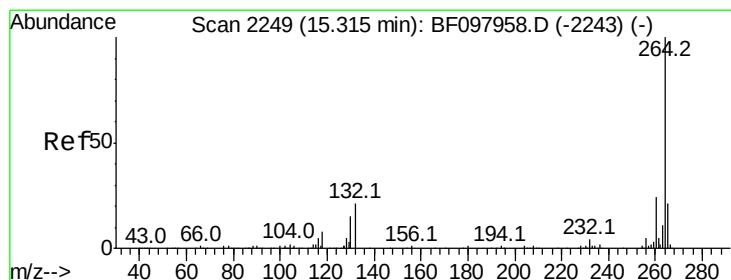
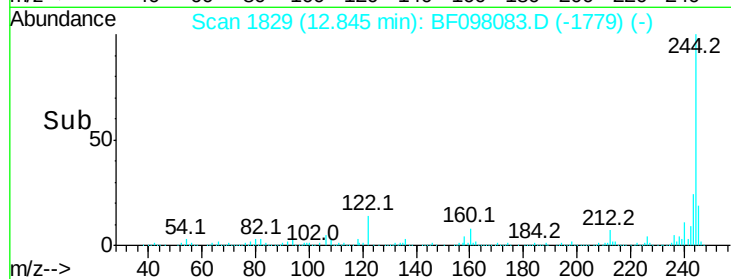
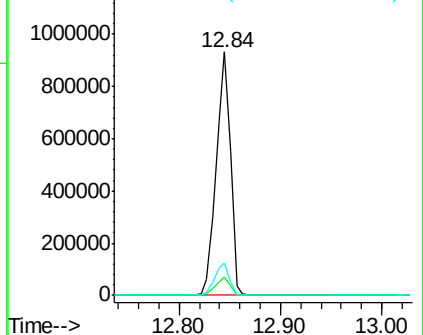
#78
 Terphenyl-d14
 Concen: 72.222 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion:244 Resp: 909139
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.6 10.3 15.5

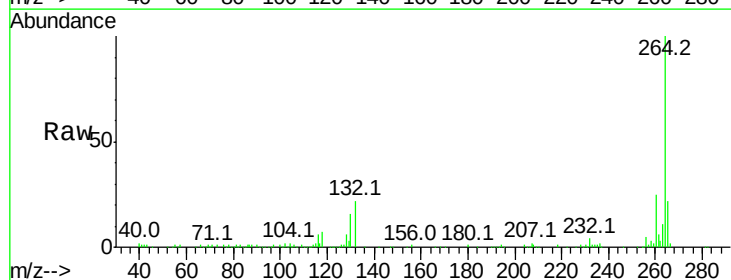


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Tgt Ion:264 Resp: 208242
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

